FIG. 1

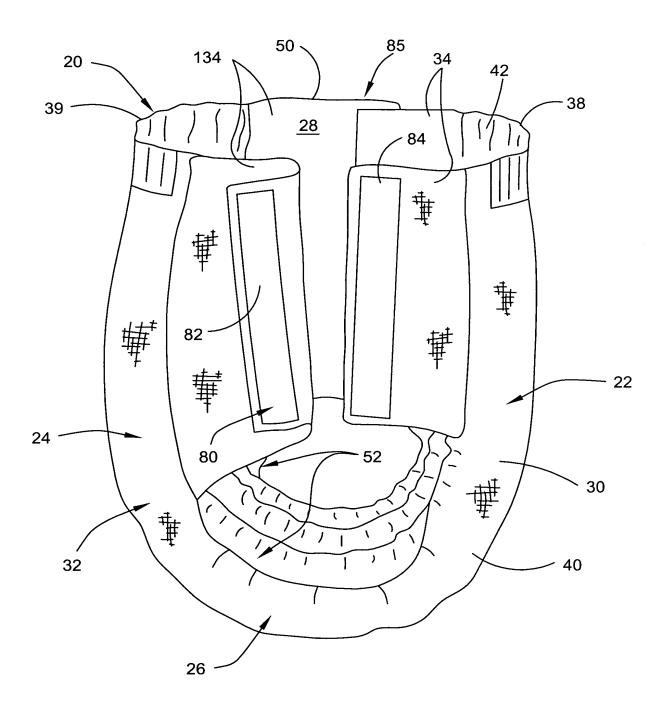


FIG. 2

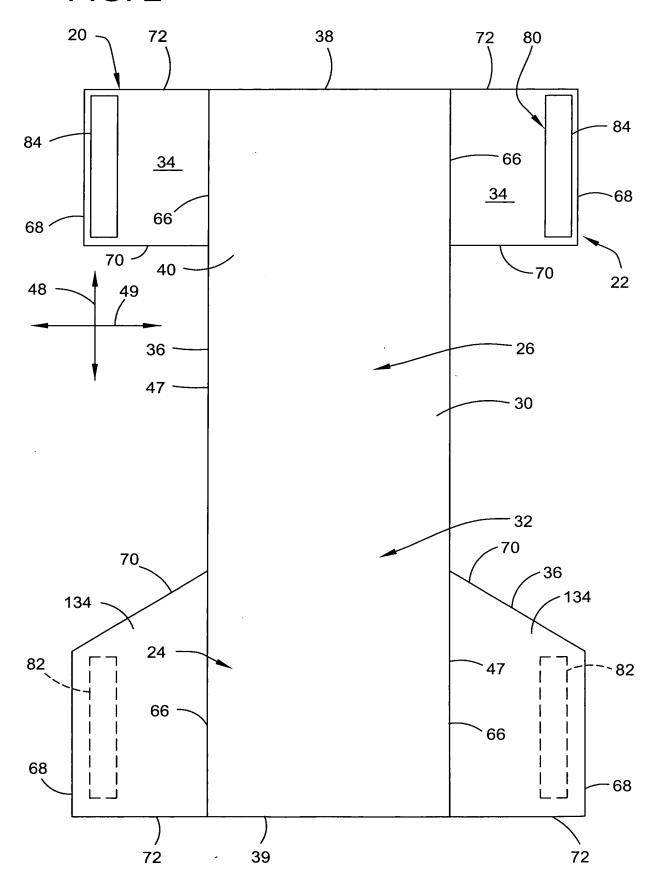
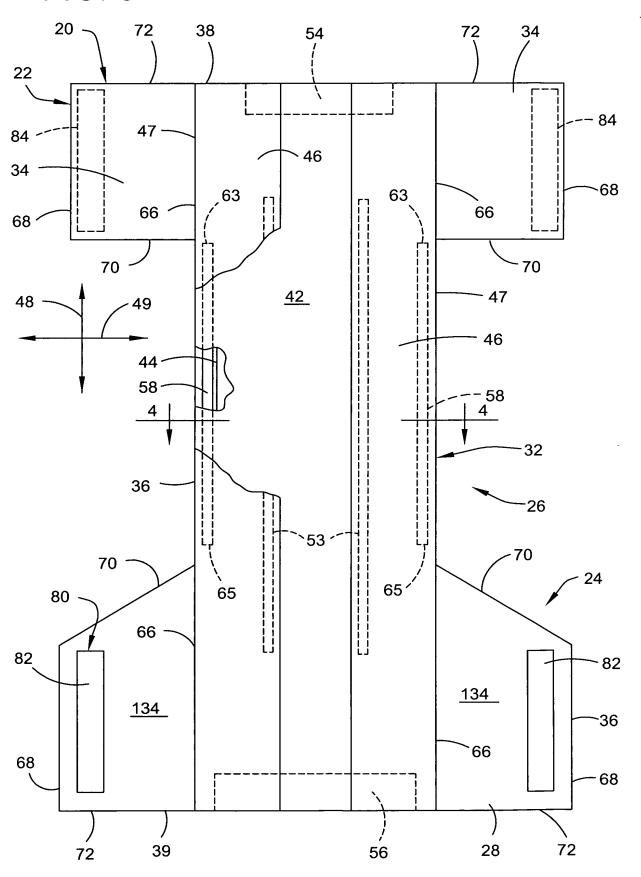
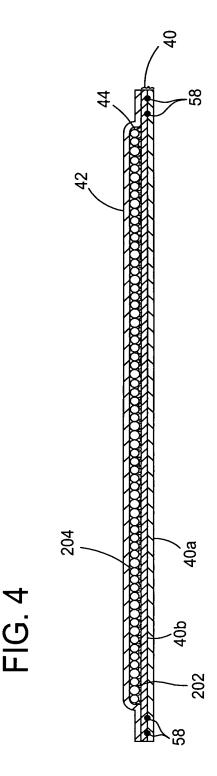


FIG. 3





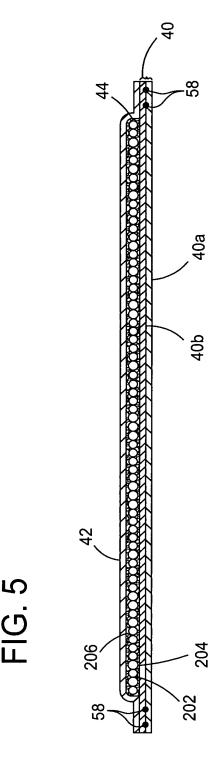
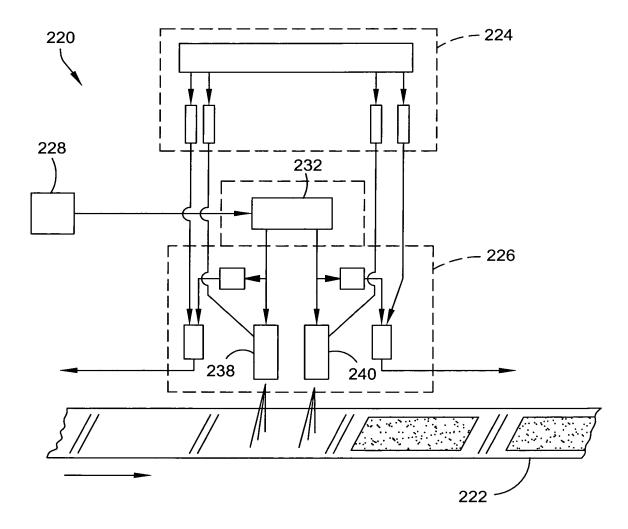
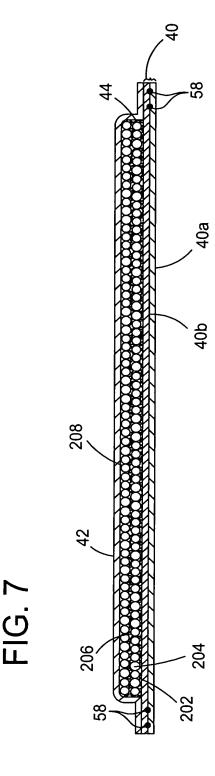
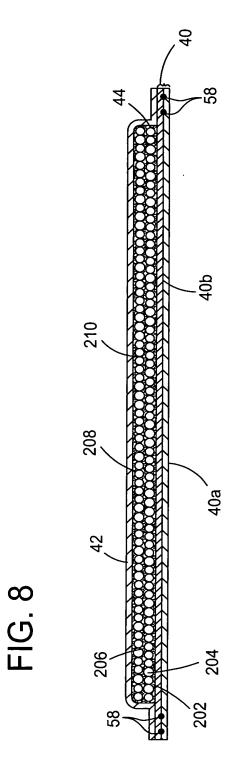
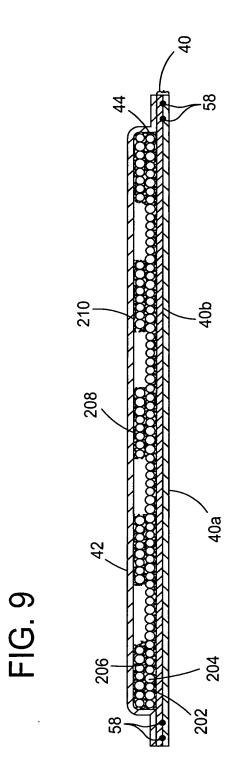


FIG. 6









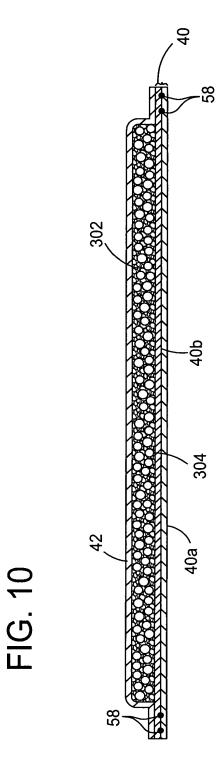


FIG. 11

Reco Sample 54.1 50.9 50.9 66.3	Recover Sample St.1 50.9 50.9 66.3
Set % Sample Substrate 45.9 43.7 49.1 46.9 49.1 46.9 33.7 32.2	Set % Sample Substrate 45.9 43.7 49.1 46.9 49.1 46.9 33.7 32.2
Elongation (grams-force) 157.7 40.1 26.7 578	Elongation (grams-force) 157.7 40.1 26.7 578 231.3
At 100% Elongation Sample Substrate 833.1 693.8 762.3 675.3 735.9 663.1	
At 40% Elongation Sample Substrate 473.1 343.4 120.3 106.5 80.2 73.1	At 40% Elongation Sample Substrate 473.1 343.4 120.3 106.5 80.2 73.1 1734.1 1473.9 693.8 644.6
Cycle S 2 2 3 3 1 1 1	Cycle S 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
ateral Direction Congitudinal	Jirection Jongitudinal Jirection
Sample         Substrate         Substrate         Substrate         Substrate         Sample         473.1         343.4         833.1         693.8         157.7         45.9           120.3         106.5         762.3         675.3         40.1         49.1           80.2         73.1         735.9         663.1         26.7         49.1           1734.1         1473.9         2591.5         2206.3         578         33.7	Sample         Substrate         Sample         Substrate         Substrate           473.1         343.4         833.1         693.8         157.7         45.9           120.3         106.5         762.3         675.3         40.1         49.1           80.2         73.1         735.9         663.1         26.7         49.1           1734.1         1473.9         2591.5         2206.3         578         33.7           693.8         644.6         2489.8         2171.5         231.3         37
on         2         120.3         106.5         762.3         663.1         40.1         49.1           adinal         1         1734.1         1473.9         2591.5         2206.3         578         45.9	on         2         120.3         106.5         762.3         675.3         40.1         49.1           udinal         1         1734.1         1473.9         2591.5         2206.3         578         33.7           on         2         693.8         644.6         2489.8         2171.5         231.3         37
2         120.3         106.5         762.3         675.3         40.1         49.1         46.9           3         80.2         73.1         735.9         663.1         26.7         49.1         46.9           1         1734.1         1473.9         2591.5         2206.3         578         33.7         32.2	2         120.3         106.5         762.3         675.3         40.1         49.1         46.9           mal         1         1734.1         1473.9         2591.5         2206.3         578         33.7         32.2           c         693.8         644.6         2489.8         2171.5         231.3         37         35.9
3         80.2         73.1         735.9         663.1         26.7         49.1         46.9           1         1734.1         1473.9         2591.5         2206.3         578         33.7         32.2	nal         1         1734.1         1473.9         2591.5         2206.3         578         33.7         35.9           a         693.8         644.6         2489.8         2171.5         231.3         37         35.9
1   1734.1   1473.9   2591.5   2206.3   578   33.7   32.2   66.3	mal         1         1734.1         1473.9         2591.5         2206.3         578         33.7         32.2         66.3           2         693.8         644.6         2489.8         2171.5         231.3         37         35.9         63.1
	2         693.8         644.6         2489.8         2171.5         231.3         37         35.9         63.1

-		Load Value (grams force)	ue (gr	ams force	(e)	Normalized					Recovery
						Load Value					Ratio
						at 40%					Sample/
						Elongation					Substrate
		At 40%		At	At 100%	(grams-	Se	Set %	Reco	Recovery %	(%)
		Elongation		Elon	Elongation	force)					
Cyc	le Samp	Cycle   Sample   Substrate		Sample	Substrate		Sample	Sample   Substrat	Sample	Substrate	
								o			
1	647.5	.5 875		1251.9	1367.5	215.8	51.8	49.4	48.2	50.6	95.3
2	39.7	7 44.3	3	1161.8	1362.7	13.2	55.2	52.9	44.8	47.1	95.1
3	10.5	5 11.25	3	1111.9	1316.5	3.5	55.2	52.9	44.8	47.1	95.1
Jongitudinal 1	2512.2	2 2032.6	9.	3472.3	2805.2	837.4	46.2	47	53.8	53	101.5
2	189.3	.3   116.1	1	3282.5	2724.3	63.1	50.1	50.7	49.9	49.3	101.2
3	51.8	8 24.83	33	3167.2	2623.8	17.3	50.1	50.6	49.9	49.4	101

FIG. 12

FIG. 13

		Ţ	Load Value (g	(grams force)	e)	Normalized					Recovery
						Load Value				·	Ratio
						at 40%					Sample/
						Elongation					Substrate
		At	At 40%	At	At 100%	(grams-	Š	Set %	Reco	Recovery %	(%)
		Elon	Elongation	Elon	Elongation	force)					,
	Cycle	Sample	Cycle   Sample   Substrate	Sample	Substrate		Sample	Substrate	Sample	Substrate	
Lateral	1	258.8	185.1	425.6	372.6	86.3	53.4	56.9	46.6	43.1	108.1
Direction	2	41.3	21.6	404	3.998	13.8	57.2	60.3	42.8	39.7	107.8
	3	20.1	8.2	394	360.4	6.7	57.2	60.3	42.8	39.7	107.8
Longitudinal	1	1501.8	6151	1774	1812.4	192.7	39.9	38.9	60.1	61.1	98.4
Direction	2	547.5	476.1	1778.2	1839.5	182.5	44	42.8	99	57.2	67.6
	3	371	2.762	1766.7	1826.7	123.7	44	42.8	99	57.2	67.6